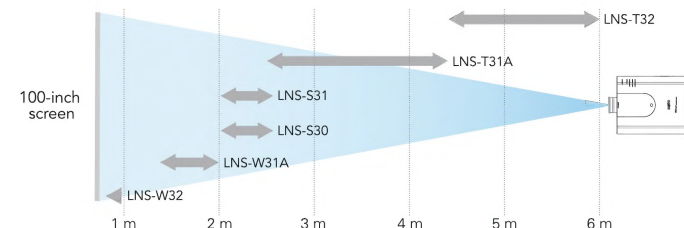


## Major Options

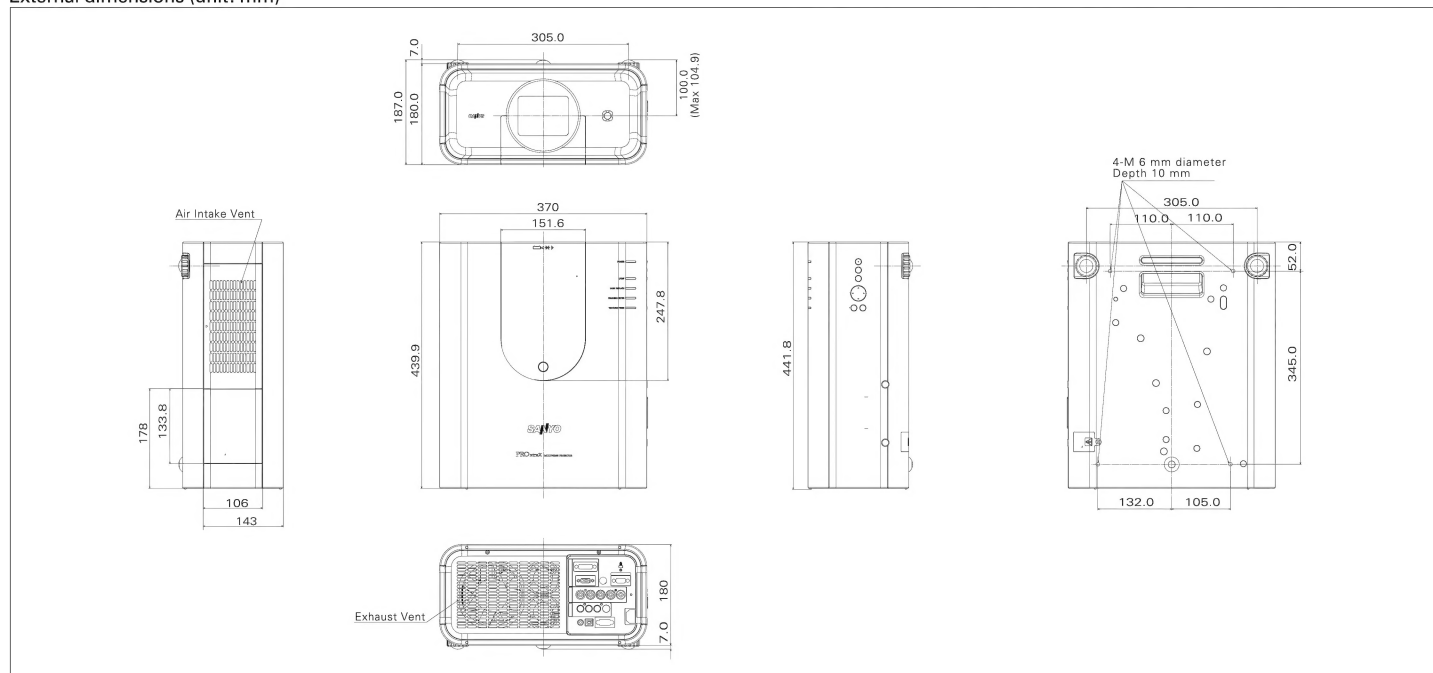
### Optional Lenses

Part Number	LNS-W32	LNS-W31A	LNS-S30	LNS-S31	LNS-T31A	LNS-T32
Type	Short Fixed Lens	Wide Zoom Lens	Standard Zoom Lens	Standard Zoom Lens	Long Zoom Lens	Ultra Long Zoom Lens
Image						
Throw Distance	0.8 : 1	1.3 - 1.8:1	1.8 - 2.3 : 1	1.8 - 2.3 : 1	2.4 - 4.3 : 1	4.2 - 6.0 : 1
Focal Length	22.33 mm	34 ~ 48 mm	48.4 ~ 62.8 mm	48.2 ~ 62.6 mm	64 ~ 112 mm	112 ~ 155 mm
Lens Shift U/D	1 : 1	10 : 0 ~ 1 : 3	10 : 0 ~ 1 : 1	10 : 0 ~ 1 : 1	10 : 0 ~ 1 : 3	10 : 0 ~ 1 : 1
Motor Driven	No	Yes	Yes	Yes	Yes	Yes
F Value	2.5	2.5 - 3.1	1.8 - 2.1	1.7 - 2.0	2.0 - 2.9	2.1 - 2.7
Net Weight	1.6 kg	1.7 kg	0.84 kg	1.3 kg	1.9 kg	1.7 kg



Unit: m	LNS-W32	LNS-W31A	LNS-S30	LNS-S31	LNS-T31A	LNS-T32
	Fixed	Wide	Tele	Wide	Tele	Wide
40	-	1.0	1.4	1.4	1.8	3.3
60	-	1.5	2.2	2.1	2.8	5.1
80	1.3	2.0	2.9	2.9	3.8	6.8
100	1.6	2.5	3.6	3.6	4.7	8.4
150	-	3.8	5.5	5.4	7.2	12.6
200	-	5.1	7.4	7.3	9.6	17.1
250	-	6.4	9.2	9.1	12.0	20.8
300	-	7.7	11.1	11.0	14.4	25.0

## External dimensions (unit: mm)



All products manufactured by the Projector Integrated Business Unit of SANYO's DI Company employ a quality management system that has undergone the inspection and registration process of the ISO 9001:2000 international standard.



SANYO's DI Company has received ISO 14001 certification for the environmental management system used in its factory.



Pixelworks ICs are used in this projector

<http://www.sanyo-lcdp.com/english/>

**Caution:** Please consult the instruction manual to ensure safe and proper operation of the product.

Distributed by:



SANYO Electric Co. Ltd.

DI company

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SML084

Think GAIA  
For Life and the Earth

## XGA Multimedia Projector

## Large-Screen Projection for a Growing Number of Applications



PLC-XP100L





Higher Brightness and Superior Images

**Class-Leading 6,500-Lumen Brightness Exceeds in Large-Screen Projection**

A bright 330-watt lamp (NSHA measurement) gives the PLC-XP100L a full 6,500 lumens of brightness, the highest in its class.\* This makes it ideal for use in large halls, conference rooms and classrooms, as well as in digital signage applications.

\* For transmissive LCD projectors weighing 12 kg or less, as of July 4, 2007.

**Automatic Image Compensation with Auto Picture Control Capability**

Dynamic Auto Gamma Processing Achieving Impressive Contrast and Depth Enhancement: The PLC-XP100L brings the most appropriate contrast and sharpness to an image according to the image characteristics by optimizing the dynamic range of luminance signals and reflecting gamma setting and offset in a timely fashion. The result is a remarkable and outstanding depth in the image.

**High Contrast Produces Superb Images with Crisp Blacks**

Newly developed LCD panels work together with a high-contrast optical system to produce a contrast ratio of 2,000:1.

**Realistic Image Reproduction with 10-Bit Video Signal Processing and a 12-Bit Gamma Circuit**

Images are powerfully expressed with approximately 1.07 billion colors, thanks to 10-bit (1,024-step gradation) digital processing for each of the red, green and blue signals. The 12-bit gamma IC also renders every detail and nuance contained in high-definition images.

**Vertical and Horizontal Edge Enhancement Process Delivers Natural Sharpness**

Minimizing granular noise and enhancing only image outlines, the PLC-XP100L provides crisp and sharp images. Also, interaction with the image characteristics and timely effect modification allow this model to provide natural and seamless edge enhancement.

New Optical Engine

**High-Brightness and Low-Electricity-Consumption Technology**

A newly developed high-output 1-lamp system is incorporated

New Optical Engine Maximizes the Light

Optical Compensator  
High Transmission Polarizer  
New LCD Panel  
Pre-Polarizer  
+Sapphire Substrates

High-Brightness Technology and Cooling Technology

Provided by optimizing optical parts, they improve light efficiency, and realize high-brightness and low-electricity consumption.

High Reliability    High Brightness    High Contrast

Easy Maintenance

**Active Maintenance Filter (AMF)**

The filter sensor detects the intake airflow volume, and advances a clean filter surface when the filter becomes soiled. The filter cartridge is also easily replaced without requiring any special tools.

**One-Way Cooling Mechanism (Intake x1, Exhaust x1)**

Intake and exhaust ports have been eliminated from various places on the projector (such as the bottom surface) and concentrated into one intake and one exhaust, both on the side, to solve dust-related problems (and improve cooling reliability).

**Filter Clogging Detection Function**

When it becomes time to clean the filter, or when the filter is clogged, the operator is informed by LED indicators and a message on the on-screen display (reducing heat damage to the interior).

\*Cleaning time indication: LED turns on  
Clog warning: LED blinks

**Easier Lamp Replacement**

Lamp replacement has been simplified to make maintenance easier.

Easy Installation

**Interchangeable Lenses (Optional)**

The existing XP-series lenses can be used just as they are. Lens removal and attachment are also very easy.

LNS-W32    LNS-W31A    LNS-S30  
LNS-S31    LNS-T31A    LNS-T32

\*Lenses are sold as options.

**Power Vertical / Horizontal Lens Shift**

Featuring both vertical and horizontal lens shift (vertical: 0 to 50 %, horizontal: ±10 % (maximum)), the PLC-XP100L enables intuitive operation for easy on-site setup.

**Vertical Installation**

The PLC-XP100L can also be installed to project images upward or downward.

Easy Control

**PJ-Net Organizer**

To use the PJ-Net technology, simply attach the PJ-Net Organizer to the projector

PLC-XP100L    POA-PN03C (optional)

**PJ Master**

The PJ Master software allows centralized control of PJ-Net Organizer-mounted projectors over a network. Install PJ Master on your PC or server.

Install the PJ Master Software  
PC or Server

**PJ-Net Organizer Usage Example**

Projectors connected by the PJ-Net Organizer let you access the following advanced centralized control

\*Monitoring the internal temperature of the projector \*Notification of lamp-related information (e.g. malfunction, operating hours, etc.)  
\*Comprehensive management of network-connected projectors \*Database applications for all acquired data

**Network Capture Function**  
**Web-based Management**

**Network Viewer Function**  
**E-mail Alert Function Sends Messages**

Other Features

**Built-in Test Pattern**

Makes on-site setup easier by serving as a guide for setting adjustments. (Includes a total of 8 built-in patterns.)

**Silence Design**  
( 31.8 dB, in ECO mode)

The operating noise is hardly noticeable even in quiet settings like conference or AV rooms.

XGA Multimedia Projector  
PLC-XP100L  
Brightness of 6,500 lumens